

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S121	4	(stimul\$3 same (respons\$5 responsiveness)) and (hydrogel and (hydro near2 gel)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	USPAT	OR	OFF	2009/10/22 14:44
S122	10	(stimul\$3 same (respons\$5 responsiveness)) and (hydrogel and (hydro near2 gel)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:44
S123	0	(stimul\$3 same (respons\$5 responsiveness)) and (hydrogel and (hydro near2 gel)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	EPO; JPO; DERWENT	OR	OFF	2009/10/22 14:44
S124	0	(stimul\$3 same (respons\$5 responsiveness)) and (hydrogel and (hydro near2 gel)) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	EPO; JPO; DERWENT	OR	OFF	2009/10/22 14:45
S125	12	(stimul\$3 same (respons\$5 responsiveness)) and (hydrogel and (hydro near2 gel)) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:45
S126	3253	(stimul\$3 same (respons\$5 responsiveness)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:46

S127	2567	(stimul\$3 same (respons\$5 responsiveness)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene) and (gel hydrogel)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:46
S128	2177	S127 and volume	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:47
S129	566	S127 and (ratio same volume)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:47
S130	539	S129 and pH	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:47
S131	350	S130 and ((swell\$4 volume) same (stimul\$4 change response))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:48
S132	267	S131 and (actuator valve pump muscle)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:48
S133	83	S131 not S132	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/22 14:48
S134	36	(stimul\$3 same (respons\$5 responsiveness)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene)	EPO; JPO; DERWENT	OR	OFF	2009/10/22 14:49
S135	16	(stimul\$3 same (respons\$5 responsiveness)) and (acrylic methacrylic) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene) and (gel hydrogel)	EPO; JPO; DERWENT	OR	OFF	2009/10/22 14:49
S136	37	(stimul\$3 same (respons\$5 responsiveness)) and (PMMA polymethyl methacrylate acrylate vinylidene methacrylate styrene) and (gel hydrogel)	EPO; JPO; DERWENT	OR	OFF	2009/10/22 14:49
S137	185	silazane\$1 and (porogen\$1 pore\$1) and ((\$1OH hydroxy \$1 \$1COOH carboxy\$1) same (acrylate methacrylate \$1meth\$acrylate))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 17:06
S138	65	("3883452"   "5384376"   "5700844"   "5726211"   "5756021"   "5767014"   "5776990"   "5804607"   "5863996"   "5883219"   "5895263"   "6093636"   "6107357"   "6146749"   "6162838"   "6214748").PN. OR ("6420441").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 17:21

S139	6	("2003/0004218").URPN.	USPAT	OR	ON	2009/10/26 18:26
S140	27	("5384376"   "5700844"   "5726211"   "5756021"   "5767014"   "5776990"   "5804607"   "5863996"   "5883219"   "5895263"   "6093636"   "6107357"   "6146749"   "6162838"   "6214748").PN. OR ("6602804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 18:26
S141	9	("2003/0001239").URPN.	USPAT	OR	ON	2009/10/26 18:27
S142	3	("2004/0072420").URPN.	USPAT	OR	ON	2009/10/26 18:42
S143	18	("20040086658"   "4780228" "5094765"   "5693691"   "5731385"   "5756255"   "5919599"   "5939510"   "5948847"   "6071673"   "6156479"   "6284428"   "6316160"   "6323310"   "6544717"   "6734258").PN. OR ("7038328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 18:42
S144	111	S138 S139 S140 S141 S142 S143	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 19:06
S145	99	S144 and (hydroxyethyl silizane silane alkyl meth acrylate methacrylate hydroxypropyl hydroxybutyl acrylate monomer mole)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 19:08
S146	99	S144 and (hydroxyethyl silizane silane alkyl meth acrylate methacrylate hydroxypropyl hydroxybutyl acrylate monomer mole hydroxyl hydroxy carboxy carboxyl)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 19:08
S147	110	S144 and (hydroxyethyl silizane silane alkyl meth acrylate methacrylate hydroxypropyl hydroxybutyl acrylate monomer mole hydroxyl hydroxy carboxy carboxyl film pore)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 19:08
S148	1	S144 not S147	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/26 19:09
S150	25706	(-COOH -OH carboxy\$1 hydroxy\$1 acrylic methacrylic hydroxyethyl methacrylate hydroxypropyl hydroxybutyl) same ((mol mole) WITH (percent))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:05

S151	350	(-COOH -OH carboxy\$1 hydroxy\$1 acrylic methacrylic hydroxyethyl methacrylate hydroxypropyl hydroxybutyl) same ((mol mole) WITH (percent))	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:05
S152	127	S150 and (pore\$1 porogen\$1 porous) and (siliceous polyalkylsilazane silazane polysilazane polymethylsilazane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 14:28
S153	0	S151 and (pore\$1 porogen\$1 porous) and (siliceous polyalkylsilazane silazane polysilazane polymethylsilazane)	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:28
S154	5	S151 and (pore\$1 porogen\$1 porous)	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:29
S155	0	S151 and (siliceous polyalkylsilazane silazane polysilazane polymethylsilazane)	EPO; JPO; DERWENT	OR	ON	2009/10/27 14:29
S156	21	("3133891"   "3342766"   "3629165"   "3792008"   "4100129"   "4144206").PN. OR ("4304897").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 15:11
S157	53	"3629165"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 15:11
S158	73	film and (semiconductor\$4 electronic) and (silicone silazane polysilazane polysilicone polyalkylsilazane) and (porogen pores pore)	DERWENT	OR	ON	2009/10/27 16:15
S159	1	"6746714"	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 16:21
S160	7	("20020034626"   "6042994"   "6090724"   "6204202"   "6329017"   "6395651"   "6413882").PN. OR ("6746714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 16:21
S161	783	(( (acrylic methacrylic crotonic isocrotonic) near2 acid) ((hydroxyethyl hydroxypropyl hydroxybutyl) near2 (acrylate methacrylate))) and (sil?zane polysil?zane polyacrylsilazane polymethylsil?zane)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 17:11
S162	662	S161 and (semiconductor film)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 17:11
S163	276	S161 and (semiconductor) and (film)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 17:12

**10/ 27/ 2009 9:16:39 PM**

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